

Title (en)

TURBOMACHINE PROVIDED WITH FLUID SEALING DEVICE

Title (de)

TURBOMASCHINE MIT FLUIDDICHTUNG

Title (fr)

TURBOMACHINE ÉQUIPÉE D'UN DISPOSITIF D'ÉTANCHÉITÉ AUX FLUIDES

Publication

**EP 3743601 B1 20231025 (EN)**

Application

**EP 19701908 A 20190111**

Priority

- IT 201800002027 A 20180126
- IB 2019050226 W 20190111

Abstract (en)

[origin: WO2019145809A1] A rotating turbomachine provided with a fluid sealing device, comprising an extensible/dilatable bellows piston to make a sealing surface abut against a rotor disc, or against the head of the shaft, therefore confining the working fluid in the turbomachine stopped during the respective maintenance operations, is described. A coolant is supplied inside the bellows piston during the normal operations of the machine.

IPC 8 full level

**F01D 11/00** (2006.01); **F01D 21/00** (2006.01); **F16J 15/34** (2006.01)

CPC (source: EP US)

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